



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/696,616	10/29/2003	Joshua Zvi Levin	70166USNP	7593
. 22847 · 75	90 09/02/2005		EXAM	INER
	BIOTECHNOLOGY	GEBREYESUS, KAGNEW H		
PATENT DEPA		ART UNIT	PAPER NUMBER	
3054 CORNWALLIS ROAD			AKI UNII	PAPER NUMBER
P.O. BOX 12257			1652	
RESEARCH TRIANGLE PARK, NC 27709-2257			DATE MAILED: 09/02/2005	5

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary 10/696,616 Examiner Art Unit Kagnew H. Gebreyesus 1652 Art Unit Kagnew H. Gebreyesus 1652 Art Unit Kagnew H. Gebreyesus 1652			Application No.	Applicant(s)			
Figure Part Gebreyesus 1652	Office Action Summary		10/696,616				
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions to them may be available under the provisions of 3 CFR 1.13(s). In no event, however, may a reply be timely fitted to the provision of the reply specified above is less than thirty (30 days, a reply visin the statutory minimum of thirty (30) stays will be considered timely. If the period for reply specified above is less than thirty (30 days, a reply visin the statutory minimum of thirty (30) stays will be considered timely. If the period for reply specified above is less than thirty (30 days, a reply visin the statutory minimum of thirty (30) stays, and vising minimum of thirty (30) stays will be considered timely. If the period for reply specified above is less than thirty (30 days, a reply visin the statutory minimum of thirty (30) stays will be considered timely. If the period for reply specified above is less than the replaced to the commenced of the commenced timely. If the period for reply specified above is less than thirty (30) days, a reply visin the statutory minimum of thirty (30) stays will be considered timely. If the period for reply specified above is less than thirty (30) days and vising the statutory minimum of thirty (30) stays will be considered timely. If the period for reply specified one is the statutory minimum of thirty (30) stays will be considered timely. If the period for reply specified above is less than thirty (30) days and septiment of the statutory minimum of thirty (30) stays will be considered to the commenced timely. If the period for reply specified to the minimum of the replication is non-final. If the period for the period time and the statutory minimum of thirty (30) stays and the statutory minimum of the replication and the statutory minimum of the replication is non-final. If the period for the period time and the statutory minimum of the replication is non-final. If the period for the period time and the statutory mi			Examiner	Art Unit			
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Extension of times may be are included under the provisions of 37 CFR 1.75(b). In an event, however, may a reply be timely filed - Extension of times may be are included by the provisions of 37 CFR 1.75(b). In an event, however, may a reply be timely filed - Extension of times may be are included by the provision of 37 CFR 1.75(b). In an event, however, may a reply be timely filed - Extension of times may be are included to the provision of the communication of the provision of Claims - Application of Claims - Application is provision of the above claim(s) is started to the provision of the pr			Kagnew H. Gebreyesus	1652			
THE MAILING DATE OF THIS COMMUNICATION. Extensions time may be available under the proximate of 3 of 2FR 1.35(a). In no event, however, may a reply be timely filed after 50. (6) MONTHS from the mailing date of this communication. 20 of 10		The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply					
1) Responsive to communication(s) filed on	THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any						
2a) This action is FINAL. 2b) This action is non-final. 3 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-10 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are objected to. 8) Claim(s) 1-10 are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a), Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of Prafsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)	Status						
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-10 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are objected. 7) Claim(s) is/are objected to. 8) Claim(s) 1-10 are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 100 The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of Partsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)	1)	Responsive to communication(s) filed on	<u> </u>	·			
closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4)	2a) <u></u> □	This action is FINAL . 2b)	This action is non-final.				
Al) Claim(s) 1-10 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) □ Claim(s) is/are objected to. 8) □ Claim(s) is/are objected to. 8) □ The specification is objected to by the Examiner. Application Papers 9) □ The specification is objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c) □ None of: 1. □ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.	3)	Since this application is in condition for all	owance except for formal matters, pr	osecution as to the merits is			
4) Claim(s) 1-10 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) 1-10 are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) cecepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Information Patent Application (PTO-152)		closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.					
4a) Of the above claim(s) is/are withdrawn from consideration. 5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) ☒ Claim(s) is/are objected to restriction and/or election requirement. Application Papers 9) □ The specification is objected to by the Examiner. 10) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c) □ None of: 1. □ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) □ Notice of Praftsperson's Patent Drawing Review (PTO-948) 3) □ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) □ Notice of Interview Summary (PTO-413) Paper No(s)/Mail Date	Disposition of Claims						
4a) Of the above claim(s) is/are withdrawn from consideration. 5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) ☒ Claim(s) is/are objected to restriction and/or election requirement. Application Papers 9) □ The specification is objected to by the Examiner. 10) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c) □ None of: 1. □ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) □ Notice of Praftsperson's Patent Drawing Review (PTO-948) 3) □ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) □ Notice of Interview Summary (PTO-413) Paper No(s)/Mail Date	4)[🛛	Claim(s) 1-10 is/are pending in the applica	ation.				
6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) is/are objected to do. 8) Claim(s) is/are objected to pestriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of Draftsperson's Patent Drawing Review (PTO-948) 2) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Informal Patent Application (PTO-152)		• • • • • • • • • • • • • • • • • • • •					
7) Claim(s) is/are objected to. 8) Claim(s) 1-10 are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/58/08)	5)	5) Claim(s) is/are allowed.					
Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Attachment(s) Attachment(s) All Interview Summary (PTO-413) Paper No(s)/Mail Date Paper No(s)/Mail Date 10 Notice of Draftsperson's Patent Drawing Review (PTO-948) 30 Information Disclosure Statement(s) (PTO-1449 or PTO/58/08)	6)[S) Claim(s) is/are rejected.					
Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) Paper No(s)/Mail Date Paper No(s)/Mail Date 1) Notice of Informal Patent Application (PTO-152)	_	7) Claim(s) is/are objected to.					
9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Informal Patent Application (PTO-152)	8)⊠	Claim(s) <u>1-10</u> are subject to restriction and	d/or election requirement.				
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Informal Patent Application (PTO-152)	Applicati	on Papers					
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/58/08) 5) Notice of Informal Patent Application (PTO-152)	9) 🔲 .	The specification is objected to by the Exa	miner.				
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some colonic None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Informal Patent Application (PTO-152)							
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)							
Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign pnority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Informal Patent Application (PTO-152)							
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Notice of References Cited (PTO-892)	11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.						
a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Informal Patent Application (PTO-152)	Priority u	nder 35 U.S.C. § 119					
2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Notice of References Cited (PTO-892)	12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).						
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date 5) Notice of Informal Patent Application (PTO-152)		1. Certified copies of the priority documents have been received.					
application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) * See the attached detailed Office action for a list of the certified copies not received. 4) Interview Summary (PTO-413) Paper No(s)/Mail Date Paper No(s)/Mail Date 5) Notice of Informal Patent Application (PTO-152)	2. Certified copies of the priority documents have been received in Application No						
* See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) * See the attached detailed Office action for a list of the certified copies not received. 4) Interview Summary (PTO-413) Paper No(s)/Mail Date 5) Notice of Informal Patent Application (PTO-152)	3. Copies of the certified copies of the priority documents have been received in this National Stage						
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date 5) Notice of Informal Patent Application (PTO-152)							
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date 5) Notice of Informal Patent Application (PTO-152)	* See the attached detailed Office action for a list of the certified copies not received.						
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date 5) Notice of Informal Patent Application (PTO-152)							
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 5) Notice of Informal Patent Application (PTO-152)	Attachment	(s)					
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Informal Patent Application (PTO-152)	1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date						
	3) 🔲 Inforn	nation Disclosure Statement(s) (PTO-1449 or PTO/SI	B/08) 5) D Notice of Informal (

DETAILED ACTION

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 2 and classified in class 435, subclass 4.
 - II. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 4 classified in class 435, subclass 4.
 - III. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 6 classified in class 435, subclass 4.
 - IV. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 8 classified in class 435, subclass 4.
 - V. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a

- plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 10 classified in class 435, subclass 4.
- VI. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 12 classified in class 435, subclass 4.
- VII. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 14 classified in class 435, subclass 4.
- VIII. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 16 classified in class 435, subclass 4.
- IX. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 18 classified in class 435, subclass 4.
- X. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 20 classified in class 435, subclass 4.

'n

- XI. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 22 classified in class 435, subclass 4.
- XII. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 24 classified in class 435, subclass 4.
- XIII. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 26 classified in class 435, subclass 4.
- XIV. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 28 classified in class 435, subclass 4.
- XV. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 30 classified in class 435, subclass 4.
- XVI. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a

Art Unit: 1652

. 1

plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 32 classified in class 435, subclass 4.

- XVII. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 34 classified in class 435, subclass 4.
- XVIII. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 36 classified in class 435, subclass 4.
- XIX. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 38 classified in class 435, subclass 4.
- XX. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 40 classified in class 435, subclass 4.
- XXI. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 42 classified in class 435, subclass 4.

Application/Control Number: 10/696,616

Art Unit: 1652

XXII. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 44 classified in class 435, subclass 4.

Page 6

- XXIII. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 46 classified in class 435, subclass 4.
- XXIV. Claims 1-10 in part are drawn to a method of identifying a herbicidal compound and applying such a compound to kill or inhibit the growth of or viability of a plant, based on it's ability to bind or to inhibit the activity of a polypeptide of SEQ ID NO: 48 classified in class 435, subclass 4.
- 2. Inventions in Group I-XXIV are unrelated. Inventions are unrelated if it can be shown that they are not disclosed as capable of use together and they have different modes of operation, different functions, or different effects (MPEP § 806.04, MPEP § 808.01). In the instant case the different inventions each polypeptide has a different structure and elicits different antigenic response.
- Because these inventions are distinct for the reasons given above and the search required for each Group is not required for the search for any other Group, restriction for examination purposes as indicated is proper.

Application/Control Number: 10/696,616

Art Unit: 1652

1. Applicant is advised that the reply to this requirement to be complete must include an

Page 7

election of the invention to be examined even though the requirement be traversed (37 CFR

1.43).

2. Applicant is reminded that upon the cancellation of claims to a none elected invention the

none elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if

one or more of the currently named inventors is no longer an inventor of at least one claim

remaining in the application. Any amendment of inventorship must be accompanied by a petition

under 37 CFR 1.48 (b) and by the fee required under 37 CFR 1.17 (i).

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Kagnew H Gebreyesus whose telephone number is 571-272-

2937. The examiner can normally be reached on 8:30am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Achutamurthy ponnathapura can be reached on 571-272-0928. The fax phone

number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kagnew Gebreyesus Ph.D.

AU 1652

PRIMARY EXAMINER

GROUP-1800